Marine Corp Equipment Readiness Information Tool (MERIT)

USMC MARCORLOGCOM

Studies and Analysis Department

Michael Williamson, CPL

Ray Nelson, CTC

July 2003

Enterprise Readiness Management
The Challenge

Materiel Readiness (MR) IPT chartered to:

- **Examine problems in Materiel Readiness**

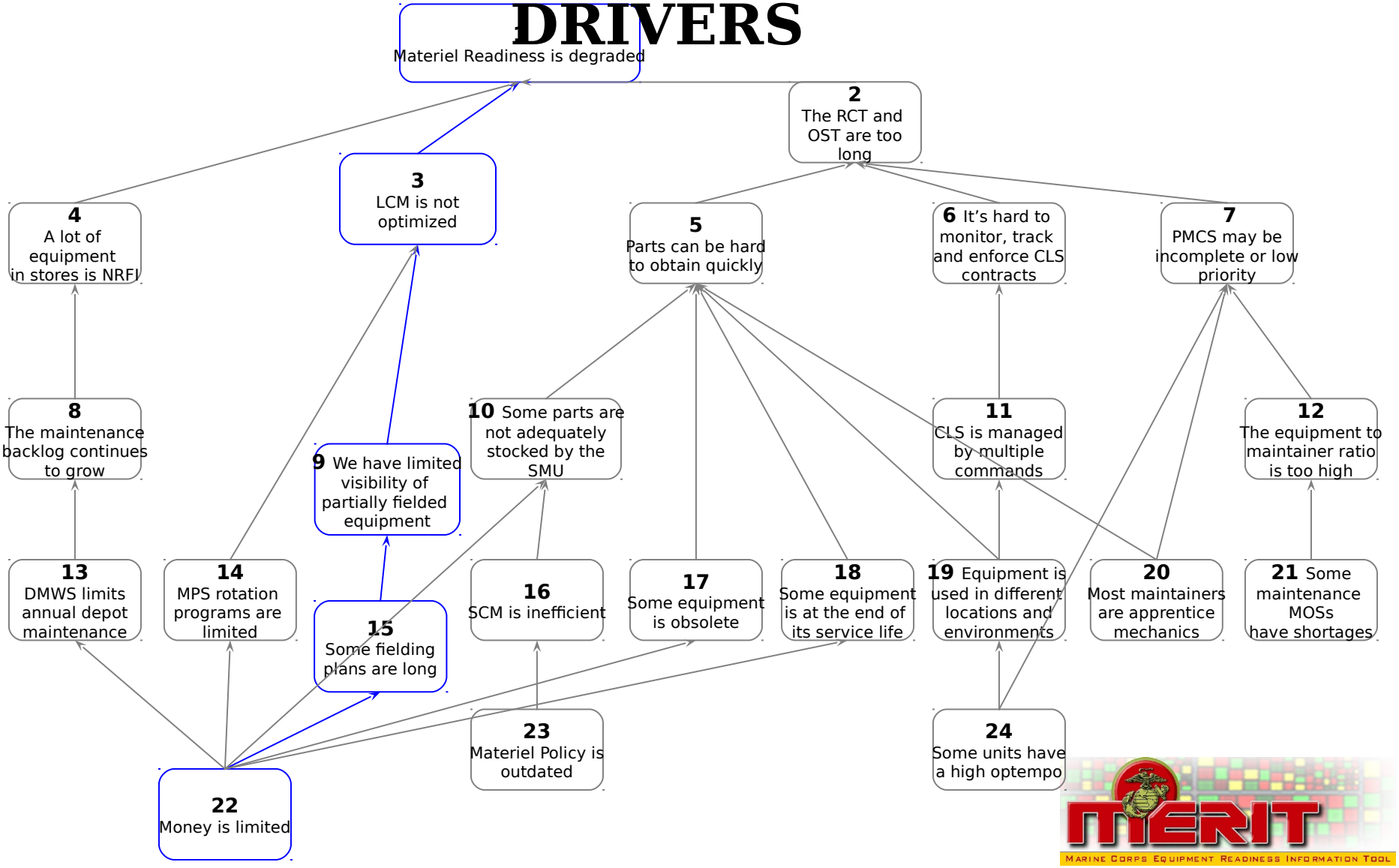
Results were:

- **"One watch" required**
- **Need for information visibility across levels**
- **Business Process Re-engineering necessary**

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

LOGCOM

MATERIEL READINESS DRIVERS

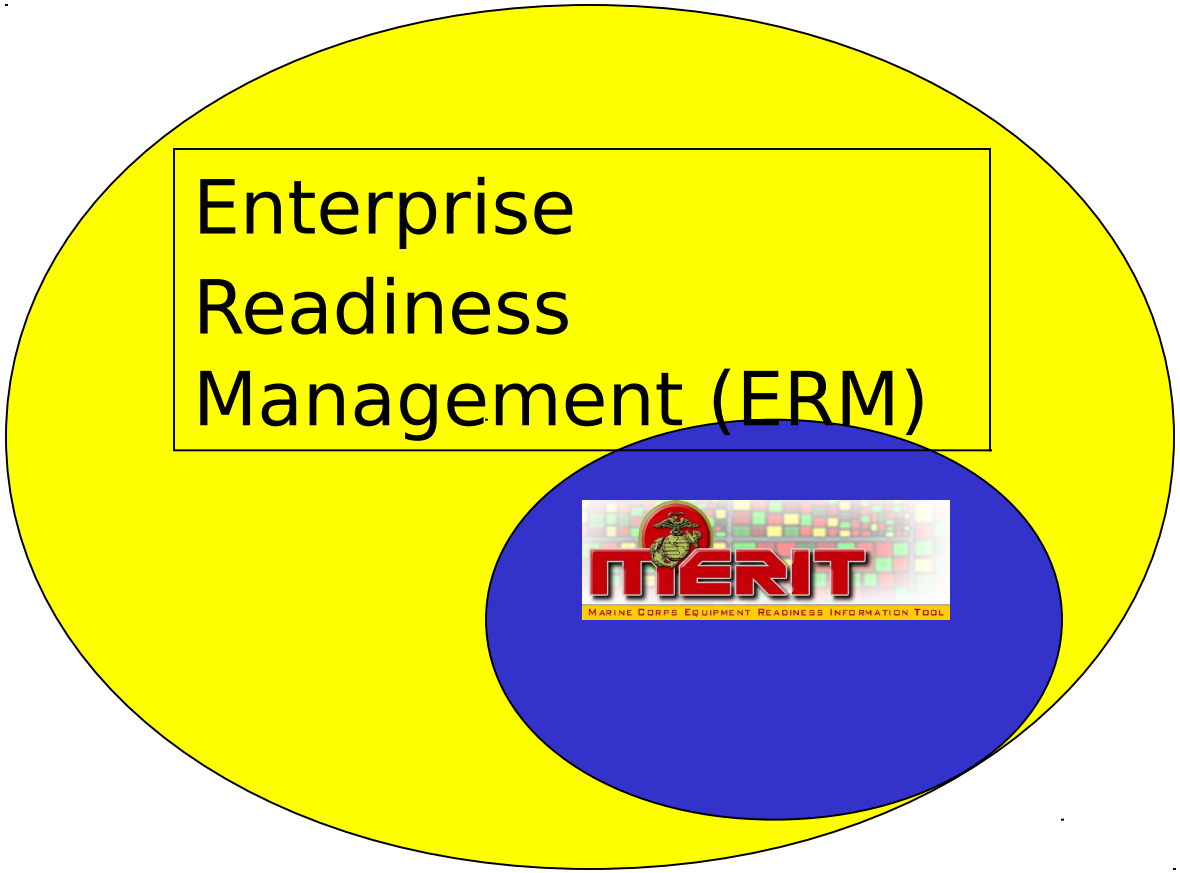

Materiel Readiness is degraded
2 The RCT and OST are too long
3 LCM is not optimized
4 A lot of equipment in stores is NRFI
5 Parts can be hard to obtain quickly
6 It's hard to monitor, track and enforce CLS contracts
7 PMCS may be incomplete or low priority
8 The maintenance backlog continues to grow
9 We have limited visibility of partially fielded equipment
10 Some parts are not adequately stocked by the SMU
11 CLS is managed by multiple commands
12 The equipment to maintainer ratio is too high
13 DMWS limits annual depot maintenance
14 MPS rotation programs are limited
15 Some fielding plans are long
16 SCM is inefficient
17 Some equipment is obsolete
18 Some equipment is at the end of its service life
19 Equipment is used in different locations and environments
20 Most maintainers are apprentice mechanics
21 Some maintenance MOSs have shortages
22 Money is limited
23 Materiel Policy is outdated
24 Some units have a high optempo

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

Enterprise Readiness Management Roadmap

- **The MRIPT:**
  - **–Identified 24 Materiel Readiness Drivers**
  - **–Mapped Drivers to 7 Project Areas**
    - **Materiel Readiness**
    - **SCM**
    - **Depot Level Maintenance**
    - **Life Cycle Management Planning**
    - **In Stores**
    - **Policy**
    - **External**

Where MERIT Fits



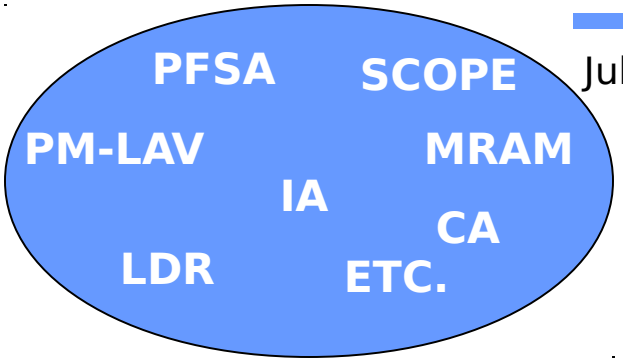
The Evolution of MERIT

Materiel Readiness - IPT

Sep 2000

MERIT

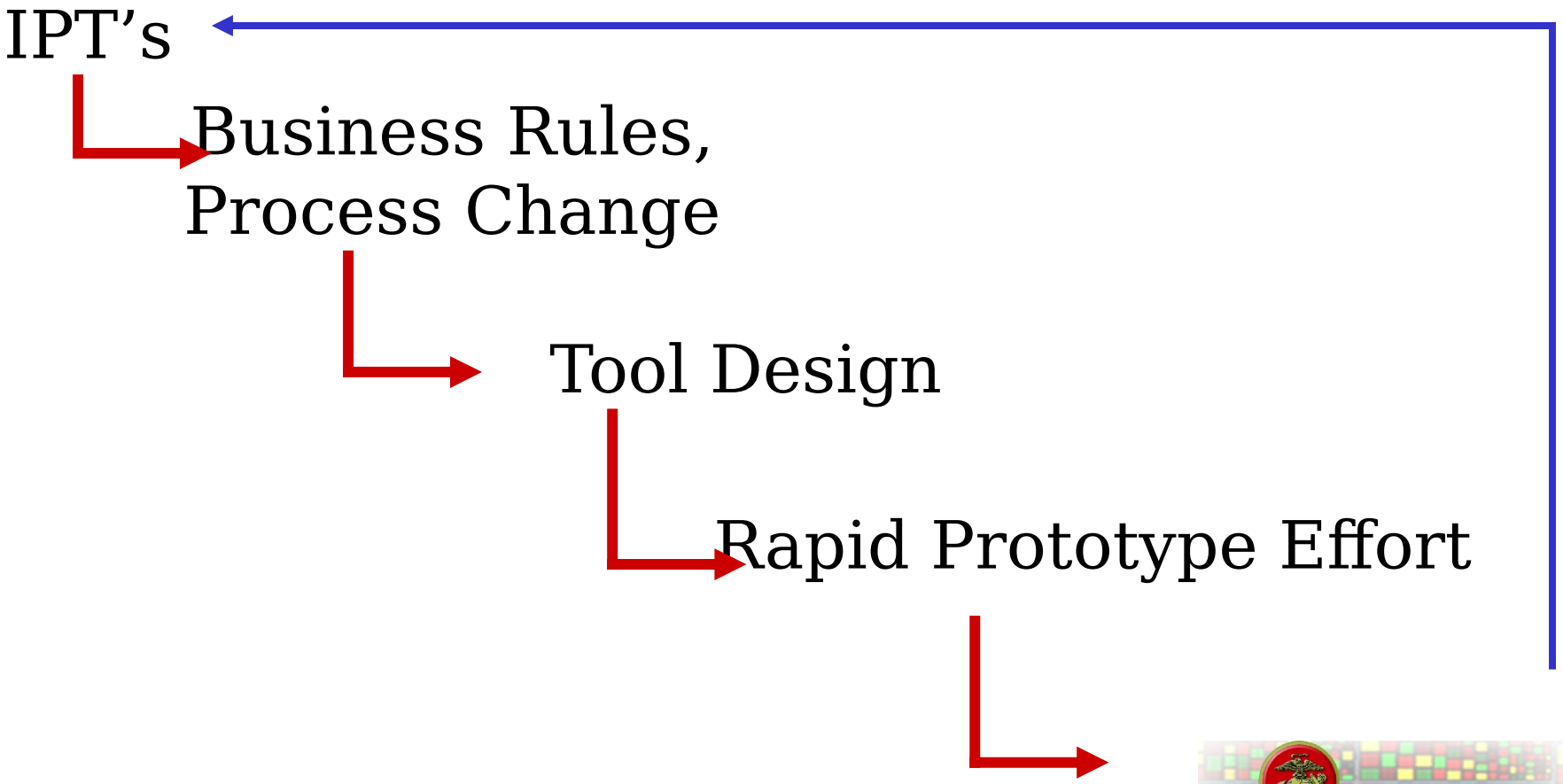
IT Consolidation Work Effort



Jul 2002

MERIT
Marine Corps Equipment Readiness Information Tool

The Road to MERIT



URL: https://merit.matcom.usmc.mil

Why do we need it?

Pre-MERIT

- **MCREM**
- **AdHoc**
- **MIMMS**
- **SASSY**
- **MARES**
- **LMIS/SASSY/MARES**

NOW

- **Context – Readiness Management**
- **Intelligence vice Data (Enterprise Wide)**
- **Time/Timely**
- **Seamless Linkage Information**
- **Links Customers and Suppliers**
- **Reactive to Proactive**
- **EASY!**

MERIT
Marine Corps Equipment Readiness Information Tool

What does MERIT do ?

- Provides a Single Watch
- Transforms data into situational awareness
  - –2 seconds to identify a problem
  - –10 seconds to find the cause
- Provides customized information on current and historical readiness
- Visibility from top level Marine Corps readiness posture to the supply/maintenance status of a part
  - –Puts sunshine on the problems

MERIT
Marine Corps Equipment Readiness Information Tool

MERIT

MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

Where are we going?

- **Project Areas mapped to Phases**
  - **Phase I: Materiel Readiness and SCM**
  - **Phase II: SCM, Depot Level Maint and Wholesale**
  - **Phase III: Life Cycle Management Planning**
  - **Phase IV: In Stores and Policy**
  - **Phase V: External**

When are we going to get there?

•Phase I:	IOC	20 Dec 02
	FOC	28 Mar 03
•Phase II	FOC	30 Sep 03
•Phase III	FOC	15 Mar 04
•Phase IV	FOC	27 Sep 04
•Phase V	FOC	19 Mar 05

MERIT
Marine Corps Equipment Readiness Information Tool

Who have we briefed?

Marine Corps

- **HQMC**
  - **General Hagee,**
  - **General Nylan**
  - **EOS**
  - **LtGen's Kelly, Magnus, Hughey, Parks**
  - **Ms. Clara Liberatore**
- **MCSC**
  - **PMs, PGDs, M&RA**
- **MARFOR Reps**

Congress

- **Congressman John Murtha**
- **Senator Arlan Spector**

OSD

- **Ms. Morales**
  - **Ms Faught, Mr. Mason, Mr. Amerau,**
  - **Mr. Estevez, Mr. Trepal**

DLA

- **MG Proctor**

Army - CASCOM

- **Mr. Edwards**

Navy - NAVSUP

- **Radm Allen**

TRANSCOM

- **BG Capasso**

NDU

- **Vice Admiral Gaffney**

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

Value of MERIT

- **Customer Driven**
- **Enables Enterprise Readiness Management**
- **ID Systemic Problems (bottlenecks)**
- **Mitigates GCSS Risks**
- **Capitalizes on Existing data and processes**
- **It Works NOW!**

MERIT
Marine Corps Equipment Readiness Information Tool

LOGCOM

Back-ups

MERIT
Marine Corps Equipment Readiness Information Tool

OMRIPT MEMBERS

Name	Organization	Role
Mr. Mike Williamson	MATCOM (HQ)	Co Chair
Col Pete Underwood	LogBases	Co Chair
Col John Rankin	III MEF (CO MRB)	Member
Col Bruce Bissett	I MEF (SupBn Cmdr)	Member
Col Rob Gerlaugh	MARFORRES (G4)	Member
Col Bob Love	HQMC (Dir ILC)	Member
Col Steve Otto	II MEF (G4, 2nd MARDIV)	Member

WMRIPT MEMBERS

Name	Organization	Role
Pamela Dervan	MATCOM (HQ)	Chair
LtCol William Jennings	III MEF	Member
LtCol Rick Byno	I MEF	Member
LtCol Dennis Adams	II MEF	Member
Maj Walt Shihinski	MARFORRES	Member
Nick Nicholson	HQMC	Member
Major Paul Mack		
Pat Shaw	MCSC	Member
Bob Merle	MCCDC	Member

Requirements IPT MEMBERS

Name	Organization	Role
Michael Williamson	MATCOM (HQ)	Chair
Melvin Leonard	MATCOM (HQ)	Member
LtCol Bob Rackham	HQMC	Member
LtCol Ben Allegretti	MCSC	Member
Bill Black	MCSC	Member
Pat Shaw	MCSC	Member
Maj Al Schachman	MATCOM (HQ)	Member
CWO3 Chris Peterson	LogBases	Member

LOGCOM

Murder Board

Name	Organization	Role
Darrell Waters	MATCOM (HQ)	Chair
MGySgt Ken Carter	HQMC	Member
MGySgt Nathaniel Page, Jr.	II MEF	Member
MGySgt Andrew Davis, Jr.	II MEF	Member
MGySgt James Jackson	MCSC	Member
MSgt David Hitriz	III MEF	Member
MSgt Ouris Pellegrin	MATCOM (HQ)	Member
MSgt Robert Phillips	LANT	Member

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL

MERIT Project Costs

- **MERIT Funding to Date:**
  - **USMC $606k**
  - **DLA $1.2m**
- **MERIT Funding through March 04:**
  - **DLA $1.45m**

MERIT Functionality

- **View Current and Historical Readiness For All MCB 3000 TAMCN at the USMC, MEF,MSC, and Unit level by S, R, and MR in GUI or Tabular Format**
- **Drill Down to Detailed Supply and Maintenance Information by Weapons Systems and Organization**
  - **Status of supply requisitions**
  - **Status of Maintenance Activity**
  - **Movement through Maintenance Process**
- **View Control, Historical, and Shoot, Move & Communicate Charts for Weapons Systems Analysis**
- **Create Individualized Portfolios by TAMCN to Track Changes in Readiness**
- **View of Excess Equipment**

MERIT
MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL